

Title (en)

Device for automatically positioning a swivel arm

Title (de)

Vorrichtung zum automatischen Positionieren eines Schwenkarms

Title (fr)

Dispositif de positionnement automatique d'un bras orientable

Publication

EP 0733562 B1 19990922 (DE)

Application

EP 96103265 A 19960302

Priority

DE 19510359 A 19950322

Abstract (en)

[origin: EP0733562A1] The positioning appts. involves a pivot arm (3) which has a radius of action of several metres and is terminated in a head (4) carrying a plate (9) with sensors (13) grouped in accordance with the pattern of metallic markings on the object to be grasped e.g. a refuse bin and lifted into an opening in the side of the vehicle. The head is manoeuvred e.g. by using a joystick in the driver's cab. The range and bearing of the object may be measured with an ultrasonic pulse echo transmitter and receiver.

IPC 1-7

B65F 3/00; **G01V 3/08**; **B65F 1/14**

IPC 8 full level

B65F 1/14 (2006.01); **B65F 3/00** (2006.01); **G01V 3/08** (2006.01)

CPC (source: EP US)

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Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0733562 A1 19960925; **EP 0733562 B1 19990922**; AT E184853 T1 19991015; AU 4824896 A 19961003; AU 703536 B2 19990325; DE 19510359 A1 19960926; DE 59603116 D1 19991028; DK 0733562 T3 20000410; GR 3032246 T3 20000427; US 5762461 A 19980609

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EP 96103265 A 19960302; AT 96103265 T 19960302; AU 4824896 A 19960322; DE 19510359 A 19950322; DE 59603116 T 19960302; DK 96103265 T 19960302; GR 990403334 T 19991222; US 62028496 A 19960322